



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/029,926C  
Source: IFW/b  
Date Processed by STIC: 9/8/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

~~TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER~~  
~~VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND~~  
~~TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:~~

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFW16

## RAW SEQUENCE LISTING

DATE: 09/08/2004

PATENT APPLICATION: US/10/029,926C

TIME: 16:15:09

Input Set : A:\Sequence Listing.txt

Output Set : N:\CRF4\09082004\J029926C.raw

4 &lt;110&gt; APPLICANT: HAGAY, et al.

W--&gt; 5 &lt;120&gt; TITLE OF INVENTION: SPECIFIC HUMAN ANTIBODIES FOR SELECTIVE CANCER THERAPY

W--&gt; 6 &lt;130&gt; FILE REFERENCE: 10793/50

W--&gt; 7 &lt;140&gt; CURRENT APPLICATION NUMBER: 10/029,926C

C--&gt; 8 &lt;141&gt; CURRENT FILING DATE: 2001-12-31

9 &lt;150&gt; PRIOR APPLICATION NUMBER: 60/258,948

W--&gt; 10 &lt;151&gt; PRIOR FILING DATE: 12/29/2000 2000-12-29

use  
this  
date  
format

12 &lt;160&gt; NUMBER OF SEQ ID NOS: 203

13 &lt;170&gt; SOFTWARE: FastSEQ for Windows Version 3.0

16 &lt;210&gt; SEQ ID NO: 1

19 &lt;211&gt; LENGTH: 10

20 &lt;212&gt; TYPE: PRT

21 &lt;213&gt; ORGANISM: Homo sapiens

W--&gt; 22 &lt;400&gt; SEQUENCE: 1

24 Ser Ser Tyr Thr Ser Ser Ser Thr Leu Val

25 1 5 10

29 &lt;210&gt; SEQ ID NO: 2

30 &lt;211&gt; LENGTH: 10

31 &lt;212&gt; TYPE: PRT

32 &lt;213&gt; ORGANISM: Homo sapiens

34 &lt;400&gt; SEQUENCE: 2

36 Ser Ser Tyr Thr Ser Ser Ser Thr Leu Gly

37 1 5 10

41 &lt;210&gt; SEQ ID NO: 3

42 &lt;211&gt; LENGTH: 9

43 &lt;212&gt; TYPE: PRT

44 &lt;213&gt; ORGANISM: Homo sapiens

46 &lt;400&gt; SEQUENCE: 3

48 Gln Ser Tyr Asp Ser Asn Leu Arg Val

49 1 5

53 &lt;210&gt; SEQ ID NO: 4

54 &lt;211&gt; LENGTH: 8

55 &lt;212&gt; TYPE: PRT

56 &lt;213&gt; ORGANISM: Homo sapiens

58 &lt;400&gt; SEQUENCE: 4

60 Gln Gln Leu Asn Ser Tyr Pro Thr

61 1 5

65 &lt;210&gt; SEQ ID NO: 5

66 &lt;211&gt; LENGTH: 11

67 &lt;212&gt; TYPE: PRT

68 &lt;213&gt; ORGANISM: Homo sapiens

W--&gt; 69 &lt;400&gt; SEQUENCE: 5

71 Asn Ser Arg Asp Ser Ser Gly Phe Gln Leu Val

Does Not Comply  
Corrected Diskette Needed

PP. 6-7

## RAW SEQUENCE LISTING

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TIME: 16:15:09

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\09082004\J029926C.raw

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72 1          5          10
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapiens
W--> 80 <400> SEQUENCE: 6
82 Gln Gln Ala Asn Ser Phe Pro Ile Thr
83 1          5
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 111
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
W--> 91 <400> SEQUENCE: 7
93 Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr
94 1          5          10          15
96 Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala Ser
97          20          25          30
99 Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr Gly
100          35          40          45
102 Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser
103          50          55          60
105 Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp
106 65          70          75          80
108 Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn His Val
109          85          90          95
111 Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Ala Ala Ala
112          100          105          110
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 6
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
W--> 120 <400> SEQUENCE: 8
122 Met Arg Ala Pro Val Ile
123 1          5
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 8
129 <212> TYPE: PRT
130 <213> ORGANISM: Homo sapiens
W--> 131 <400> SEQUENCE: 9
133 Pro Trp Asp Asp Val Thr Pro Pro
134 1          5
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 12
140 <212> TYPE: PRT
141 <213> ORGANISM: Homo sapiens
143 <400> SEQUENCE: 10
145 Gly Phe Pro Arg Ile Thr Pro Pro Ser Ala Glu Ile
146 1          5          10
150 <210> SEQ ID NO: 11

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## RAW SEQUENCE LISTING

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Input Set : A:\Sequence Listing.txt

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151 <211> LENGTH: 5
152 <212> TYPE: PRT
153 <213> ORGANISM: Homo sapiens
155 <400> SEQUENCE: 11
157 Gly Phe Pro Met Pro
158 1 5
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 10
164 <212> TYPE: PRT
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 12
169 Gly Phe Pro His Ser Ser Ser Val Ser Arg
170 1 5 10
174 <210> SEQ ID NO: 13
175 <211> LENGTH: 11
176 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 13
181 Arg Phe Pro Met Arg His Glu Lys Thr Asn Tyr
182 1 5 10
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 8
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 14
193 Arg Phe Pro Pro Thr Ala Thr Ile
194 1 5
198 <210> SEQ ID NO: 15
199 <211> LENGTH: 7
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 15
205 Thr Gln Arg Arg Asp Leu Gly
206 1 5
210 <210> SEQ ID NO: 16
211 <211> LENGTH: 11
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 16
217 Lys Phe Pro Gly Gly Thr Val Arg Gly Leu Lys
218 1 5 10
222 <210> SEQ ID NO: 17
223 <211> LENGTH: 12
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 17
229 Gly Phe Pro Val Ile Val Glu Glu Arg Gln Ser Thr
230 1 5 10
234 <210> SEQ ID NO: 18

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## RAW SEQUENCE LISTING

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Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\09082004\J029926C.raw

235 <211> LENGTH: 10  
 236 <212> TYPE: PRT  
 237 <213> ORGANISM: Homo sapiens  
 W--> 238 <400> SEQUENCE: 18  
 240 Arg Phe Pro Gln Arg Val Asp Asn Arg Val  
 241 1 5 10  
 245 <210> SEQ ID NO: 19  
 246 <211> LENGTH: 8  
 247 <212> TYPE: PRT  
 248 <213> ORGANISM: Homo sapiens  
 250 <400> SEQUENCE: 19  
 252 Thr Gly Gln Ser Ile Lys Arg Ser  
 253 1 5  
 257 <210> SEQ ID NO: 20  
 258 <211> LENGTH: 6  
 259 <212> TYPE: PRT  
 260 <213> ORGANISM: Homo sapiens  
 262 <400> SEQUENCE: 20  
 264 Leu Thr His Pro Tyr Phe  
 265 1 5  
 269 <210> SEQ ID NO: 21  
 270 <211> LENGTH: 6  
 271 <212> TYPE: PRT  
 272 <213> ORGANISM: Homo sapiens  
 274 <400> SEQUENCE: 21  
 276 Leu Arg Pro Pro Gln Ser  
 277 1 5  
 281 <210> SEQ ID NO: 22  
 282 <211> LENGTH: 11  
 283 <212> TYPE: PRT  
 284 <213> ORGANISM: Homo sapiens  
 286 <400> SEQUENCE: 22  
 288 Thr Ser Lys Asn Thr Ser Ser Ser Lys Arg His  
 289 1 5 10  
 293 <210> SEQ ID NO: 23  
 294 <211> LENGTH: 12  
 295 <212> TYPE: PRT  
 296 <213> ORGANISM: Homo sapiens  
 298 <400> SEQUENCE: 23  
 300 Arg Tyr Tyr Cys Arg Ser Ser Asp Cys Thr Val Ser  
 301 1 5 10  
 305 <210> SEQ ID NO: 24  
 306 <211> LENGTH: 10  
 307 <212> TYPE: PRT  
 308 <213> ORGANISM: Homo sapiens  
 310 <400> SEQUENCE: 24  
 312 Phe Arg Arg Met Glu Thr Val Pro Ala Pro  
 313 1 5 10  
 317 <210> SEQ ID NO: 25

## RAW SEQUENCE LISTING

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TIME: 16:15:09

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\09082004\J029926C.raw

```

318 <211> LENGTH: 277
319 <212> TYPE: PRT
320 <213> ORGANISM: Homo sapiens
322 <400> SEQUENCE: 25
324 Met Lys Tyr Leu Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Leu Ala
325 1 5 10 15
327 Ala Gln Pro Ala Met Ala Glu Val Gln Leu Val Glu Ser Gly Gly Gly
328 20 25 30
330 Val Val Arg Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly
331 35 40 45
333 Phe Thr Phe Asp Asp Tyr Gly Met Ser Trp Val Arg Gln Ala Pro Gly
334 50 55 60
336 Lys Gly Leu Glu Trp Val Ser Gly Ile Asn Trp Asn Gly Gly Ser Thr
337 65 70 75 80
339 Gly Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn
340 85 90 95
342 Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
343 100 105 110
345 Thr Ala Val Tyr Tyr Cys Ala Arg Met Arg Ala Pro Val Ile Trp Gly
346 115 120 125
348 Gln Gly Thr Leu Val Thr Val Ser Arg Gly Gly Gly Gly Ser Gly Gly
349 130 135 140
351 Gly Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala
352 145 150 155 160
354 Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp
355 165 170 175
357 Ser Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln
358 180 185 190
360 Ala Pro Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile
361 195 200 205
363 Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr
364 210 215 220
366 Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser
367 225 230 235 240
369 Arg Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu
370 245 250 255
372 Thr Val Leu Gly Ala Ala Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp
373 260 265 270
375 Leu Asn Gly Ala Ala
376 275
380 <210> SEQ ID NO: 26
381 <211> LENGTH: 464
382 <212> TYPE: PRT
383 <213> ORGANISM: Homo sapiens
385 <400> SEQUENCE: 26
387 Met Ala Trp Ala Leu Leu Leu Leu Thr Leu Leu Thr Gln Asp Thr Gly
388 1 5 10 15
390 Ser Trp Ala Asp Ile Gln Leu Val Glu Ser Gly Gly Gly Val Val Arg
391 20 25 30

```

10/029,926C

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<210> SEQ ID NO 36  
 <211> LENGTH: 98  
 <212> TYPE: PRT  
 <213> ORGANISM: Homo sapiens  
 <220> FEATURE:  
 <221> NAME/KEY: X  
 <222> LOCATION: (1)..(98)  
 <223> OTHER INFORMATION: Xaa  
 <400> SEQUENCE: 36

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Leu Gly Ala  
 1 5 10 15  
 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr  
 20 25 30  
 Tyr Met His Trp Val Xaa Gln Ala Pro Gly Gln Gly Leu Glu Trp Met  
 35 40 45  
 Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe  
 50 55 60  
 Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr  
 65 70 75 80  
 Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys  
 85 90 95  
 Ala Arg

what does Xaa represent?

(explain  
what  
residue(s)

Xaa represents)

see p. 7

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/029,926C

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Input Set : A:\Sequence Listing.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; Xaa Pos. 38



VERIFICATION SUMMARY

PATENT APPLICATION: US/10/029,926C

DATE: 09/08/2004

TIME: 16:15:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\09082004\J029926C.raw

L:5 M:283 W: Missing Blank Line separator, <120> field identifier  
 L:6 M:283 W: Missing Blank Line separator, <130> field identifier  
 L:7 M:283 W: Missing Blank Line separator, <140> field identifier  
 L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:10 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:22 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:69 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:80 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:91 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:120 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:131 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:238 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:740 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36  
 L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:32  
 L:863 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:922 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:981 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1010 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1039 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1068 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1094 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1123 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1237 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1266 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1292 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1378 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:1437 M:283 W: Missing Blank Line separator, <400> field identifier